

DETAILED ACTION

Election/Restrictions

1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - I. Claims 11-12 and 19-30, drawn to an apparatus having a shunt regulator and a series regulator which stabilize the DC voltage.
 - II. Claims 13, drawn to an apparatus having a regulator operated as a series or as shunt regulator (Fig. 11).
 - III. Claims 14-18, drawn to an apparatus having a regulator wherein the regulator controls a voltage between the rectifier and the power source terminal when the load modulator is operated and controls a current which flows between the power source terminal and the ground terminal when the load modulator is stopped.
2. The inventions are distinct, each from the other because:

Inventions Group I, Group II and Group III are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct if they do not overlap in scope and are not obvious variants, and if it is shown that at least one subcombination are separately usable. In the instant case, subcombination Group II has a separate utility such as a regulator operated as a series or as shunt regulator and subcombination Group III for having a regulator for controlling voltage when the load modulator is operate and for controlling current flows when the load modulator is stopped. See MPEP § 806.05(d).

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3. Because these inventions are independent and distinct for the reason(s) given above and have acquired a separate status in the art as shown above by their recognized divergent subject matter and a different field of search is required for each group (see MPEP § 808.02), restriction for examination purposes as indicated is proper

4. Applicant is advised that the reply to this requirement to be complete must include (i) an election of an invention or a species to be examined even though the requirement be traversed (37 CFR 1.143) and (ii) identification of the claims encompassing the elected invention.

5. The election of an invention or a species may be made with or without traverse. To reserve a right to petition, the election must be made with traverse. If the reply does not distinctly and specifically point out supposed errors in the restriction requirement, the election shall be treated as an election without traverse.

6. Should applicant traverse on the ground that the inventions or species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the inventions or species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C.103(a) of the other invention.

7. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim

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remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

8. During a telephone conversation with Mr. David Snyder on October 24, 2008, a provisional election was made without traverse to prosecute the invention of Group I, claims 11-12 and 19-30. Claims 13-18 are withdrawn from further consideration by the examiner, 37 CFR 1.142(b), as being drawn to a non-elected invention.

Examiner's Amendment

9. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

10. Authorization for this examiner's amendment was given in a telephone interview with Mr. David Snyder on October 24, 2008.,

The application has been amended as follows:

Claims 13-18 have been canceled.

Allowable Subject Matter

11. The following is a statement of reasons for the indication of allowable subject matter:

Regarding claim 11, none of the prior arts of record, in combination or individual, show or make it obvious an apparatus having a shunt regulator and a series regulator,

wherein the series regulator performs a voltage stabilizing operation and the shunt regulator stops a voltage stabilizing operation in a stage that a signal is transmitted to a reader/writer, and wherein the shunt regulator performs a voltage stabilizing operation and the series regulator stops a voltage stabilizing operation in a stage that inner processing is performed. Claim 12 is a dependent claim.

Regarding claims 19 and 23, none of the prior arts of record, in combination or individual, show or make it obvious an apparatus having a power source circuit which outputs a power source voltage, a regulator which stabilizes a voltage of the power source voltage and outputs the stabilized power source voltage to a power source terminal, and an internal circuit which includes a control circuit which generates a control signal which controls a voltage stabilizing operation of the power source circuit, wherein the power source circuit is controlled in response to the control signal such that a voltage between the rectifier/smoothing circuit and the power source terminal is changed in a stage that a signal is transmitted to a reader/writer and is controlled in response to the control signal such that a current which flows between the power source terminal and a ground terminal is changed in a stage that inner processing is performed. Claims 20-22 and 24-30 are dependent claims, respectively.

12. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Pablo Tran whose telephone number is (571)272-7898. The examiner normal hours are 9:30 -5:00 (Monday-Friday). If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban, can be reached at (571)272-7899. The fax phone number for the organization where this application or proceeding is assigned is (571)273-8300.
14. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) System. Status information for Published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should You have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (in USA or CANADA) or 571-272-1000.

October 25, 2008

/Pablo N Tran/
Primary Examiner, Art Unit 2618